

**Claims**

1. Filter circuit comprising filter means of the surface acoustic wave (SAW) type for filtering an input signal so as to obtain a filtered signal, and comprising an analog to digital converter, wherein an output of said filter means is directly connected to an input of said analog to digital converter.
2. Filter circuit according to claim 1, wherein an impedance matching circuit is provided to connect said output of said filter means with said input of said analog to digital converter.
3. Filter circuit according to claim 1 or 2, wherein an impedance matching circuit is provided at an input of said filter means.
4. Filter circuit according to one of the claims 1 to 3, wherein no power amplification of said filtered signal is provided between said filtering means and said analog to digital converter.
5. Filter circuit according to one of the preceding claims, wherein said filter means comprise a single ended input and/or a differential output.
6. Filter circuit according to claim 5, wherein said analog to digital converter comprises a differential input.

- 7. Radio signal receiver comprising a filter circuit according to one of the preceding claims.